

## Anti-Glutathione peroxidase 2 Antibody (2Y17)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2Y17
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Glutathione Peroxidase 2 expression in Human stomach lysate.
Application:	IHC,WB
Recommended	IHC: 1:100-1:200; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human Glutathione peroxidase 2
Synonyms:	GSHPx-GI;GSHPx GI;GPx-GI;GI GPx;GSHPx 2;GPX2;GSHPx-2;GPRP-2;GPRP

### Research Background

Catalyzes the reduction of hydroperoxides in a glutathione-dependent manner thus regulating cellular redox homeostasis. Can reduce small soluble hydroperoxides such as H<sub>2</sub>O<sub>2</sub>, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides. Cannot reduce phosphatidylcholine hydroperoxide.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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